



\*\*FILE\*\*ID\*\*MCLEFT

I 9

MM	MM	CCCCCCCC	LL	EEEEEEEEE	FFFFFFFFF	TTTTTTTTT
MM	MM	CCCCCCCC	LL	EE	FF	TT
MMMM	MMMM	CC	LL	EE	FF	TT
MMMM	MMMM	CC	LL	EE	FF	TT
MM	MM	MM	CC	EE	FF	TT
MM	MM	MM	CC	EE	FF	TT
MM	MM	CC	LL	EEEEE	FFFFFFF	TT
MM	MM	CC	LL	EEEEE	FFFFFFF	TT
MM	MM	CC	LL	EE	FF	TT
MM	MM	CC	LL	EE	FF	TT
MM	MM	CC	LL	EE	FF	TT
MM	MM	CC	LL	EE	FF	TT
MM	MM	CC	LL	EE	FF	TT
MM	MM	CC	LL	EE	FF	TT
MM	MM	CCCCCCCC	LLLLLLLLL	EEEEEEEEE	FF	TT
MM	MM	CCCCCCCC	LLLLLLLLL	EEEEEEEEE	FF	TT

....

LL		SSSSSSS
LL		SSSSSSS
LL		SS
LL		SS
LL		SS
LL		SSSSS
LL		SSSSS
LL		SS
LLLLLLLLL		SSSSSSS
LLLLLLLLL		SSSSSSS

```
0001 0 XTITLE 'EDTSMCLEFT - move cursor left'  
0002 0 MODULE EDTSMCLEFT ( ! Move cursor left  
0003 0 IDENT = 'V04-000'  
0004 0 ) =  
0005 1 BEGIN  
0006 1  
0007 1 *****  
0008 1 *  
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0026 1 *  
0027 1 *  
0028 1 *****  
0029 1 *  
0030 1 *  
0031 1 **  
0032 1 * FACILITY: EDT -- The DEC Standard Editor  
0033 1 *  
0034 1 * ABSTRACT:  
0035 1 *  
0036 1 * Move cursor left.  
0037 1 *  
0038 1 * ENVIRONMENT: Runs at any access mode - AST reentrant  
0039 1 *  
0040 1 * AUTHOR: Bob Kushlis, CREATION DATE: September 9, 1979  
0041 1 *  
0042 1 * MODIFIED BY:  
0043 1 *  
0044 1 * 1-001 - Original. DJS 19-FEB-1981. This module was created by  
0045 1 * extracting routine EDT$$CS_LEFT from module MOVCUR.  
0046 1 * 1-002 - Regularize headers. JBS-11-Mar-1981  
0047 1 * 1-003 - Improve the appearance of the listing. JBS 17-Jun-1983  
0048 1 *--  
0049 1 *--
```

```
51 0050 1 XSBTTL 'Declarations'  
52 0051 1 :  
53 0052 1 : TABLE OF CONTENTS:  
54 0053 1 :  
55 0054 1 :  
56 0055 1 : REQUIRE 'EDTSRC:TRAROUNAM';  
57 0494 1 :  
58 0495 1 : FORWARD ROUTINE  
59 0496 1 : EDTSSCS_LEFT;  
60 0497 1 :  
61 0498 1 :  
62 0499 1 : INCLUDE FILES:  
63 0500 1 :  
64 0501 1 :  
65 0502 1 : REQUIRE 'EDTSRC:EDTREQ';  
66 0637 1 :  
67 0638 1 :  
68 0639 1 : MACROS:  
69 0640 1 :  
70 0641 1 : NONE  
71 0642 1 :  
72 0643 1 : EQUATED SYMBOLS:  
73 0644 1 :  
74 0645 1 : NONE  
75 0646 1 :  
76 0647 1 : OWN STORAGE:  
77 0648 1 :  
78 0649 1 : NONE  
79 0650 1 :  
80 0651 1 : EXTERNAL REFERENCES:  
81 0652 1 :  
82 0653 1 : In the routine
```

```
84 0654 1 XSBTTL 'EDTSSCS_LEFT - move cursor left'
85 0655 1
86 0656 1 GLOBAL ROUTINE EDTSSCS_LEFT
87 0657 1 =
88 0658 1
89 0659 1 ++
90 0660 1 FUNCTIONAL DESCRIPTION:
91 0661 1
92 0662 1 This routine moves the cursor one character to the left. If the cursor
93 0663 1 is on the first character of the line, we move to the previous line
94 0664 1 (positioning on the line terminator).
95 0665 1
96 0666 1 FORMAL PARAMETERS:
97 0667 1
98 0668 1
99 0669 1
100 0670 1 IMPLICIT INPUTS:
101 0671 1
102 0672 1 EDT$ST_LN_BUF
103 0673 1 EDTSSA_LN_END
104 0674 1
105 0675 1 IMPLICIT OUTPUTS:
106 0676 1
107 0677 1 EDTSSA_LN_PTR
108 0678 1
109 0679 1 ROUTINE VALUE:
110 0680 1
111 0681 1 1 = move successful
112 0682 1 0 = could not move
113 0683 1
114 0684 1 SIDE EFFECTS:
115 0685 1
116 0686 1
117 0687 1
118 0688 1 --
119 0689 1
120 0690 2 BEGIN
121 0691 2
122 0692 2 EXTERNAL ROUTINE
123 0693 2 EDTSSCS_UP;
124 0694 2
125 0695 2 EXTERNAL
126 0696 2 EDT$ST_LN_BUF,          ! Current line buffer.
127 0697 2 EDTSSA_LN_PTR,          ! Current character pointer.
128 0698 2 EDTSSA_LN_END;          ! End of current line pointer.
129 0699 2
130 0700 2
131 0701 2 + Check to see if we are on the first character.
132 0702 2 -
133 0703 2
134 0704 2 IF CHSPTR_EQL (.EDTSSA_LN_PTR, CHSPTR (EDT$ST_LN_BUF))
135 0705 2 THEN
136 0706 2 BEGIN
137 0707 2
138 0708 2 + On the first character. Try to go up a line and position to the line
139 0709 2 terminator. If the move up fails, return failure.
140 0710 2
```

```

141 0711 3
142 0712 3 IF (EDTSSCS_UP () EQL 0) THEN RETURN (0);
143 0713 3
144 0714 3 EDTSSA_LN_PTR = .EDTSSA_LN_END;
145 0715 3 END
146 0716 2 ELSE
147 0717 2 :+ Not on the first character, simply move back one character and return
148 0718 2 :- success.
149 0719 2
150 0720 2
151 0721 2 EDTSSA_LN_PTR = CHSPLUS (.EDTSSA_LN_PTR, -1);
152 0722 2
153 0723 2 RETURN (1);
154 0724 1 END;

```

! of routine EDTSSCS\_LEFT

.TITLE EDTSMCLEFT EDTSMCLEFT - move cursor left  
.IDENT \V04-000\

.EXTRN EDTSSCS\_UP, EDTSSST\_LN\_BUF  
.EXTRN EDTSSA\_LN\_PTR, EDTSSA\_LN\_END

.PSECT \_EDT\$CODE,NOWRT, SHR, PIC,2

		0004 00000	.ENTRY EDTSSCS_LEFT, Save R2	0656
52 00000000G	00 9E 00002	MOVAB EDTSSA_LN_PTR, R2	0704	
50 00000000G	00 9E 00009	MOVAB EDTSSST_LN_BUF, R0		
50	62 D1 00010	CMPL EDTSSA_LN_PTR, R0		
	14 12 00013	BNEQ 1\$		
00000000G 00	00 FB 00015	CALLS #0, EDTSSCS_UP	0712	
	50 D5 0001C	TSTL R0		
	0F 13 0001E	BEQL 3\$		
62 00000000G	00 D0 00020	MOVL EDTSSA_LN_END, EDTSSA_LN_PTR	0714	
	02 11 00027	BRB 2\$	0704	
50	62 D7 00029 1\$:	DECL EDTSSA_LN_PTR	0721	
	01 D0 0002B 2\$:	MOVL #1, R0	0723	
	04 0002E	RET		
	50 D4 0002F 3\$:	CLRL R0	0724	
	04 00031	RET		

; Routine Size: 50 bytes. Routine Base: \_EDT\$CODE + 0000

; 155 0725 1  
; 156 0726 1 !<BLF/PAGE>

EDT\$MCLEFT  
VO4-000      EDT\$MCLEFT - move cursor left  
                EDT\$CS\_LEFT - move cursor left  
158      0727 1 END  
159      0728 1  
160      0729 0 ELUDOM

N 9  
16-Sep-1984 01:11:02      14-Sep-1984 12:23:55      VAX-11 Bliss-32 v4.0-742  
DISK\$VMSMASTER:[EDT.SRC]MCLEFT.BLI;1 Page 5  
                ! of module EDT\$MCLEFT

\*\*

#### PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	50	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

#### Library Statistics

File	-----	Symbols	-----	Pages	Processing
	Total	Loaded	Percent	Mapped	Time
\$255\$DUA28:[EDT.SRC]EDT.L32:1	377	1	0	40	00:00.2
\$255\$DUA28:[EDT.SRC]PSECTS.L32:1	2	1	50	7	00:00.1

#### COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:MCLEFT/OBJ=OBJ\$:MCLEFT MSRC\$:MCLEFT.BLI/UPDATE=(ENH\$:MCLEFT)

Size: 50 code + 0 data bytes  
Run Time: 00:09.5  
Elapsed Time: 00:12.0  
Lines/CPU Min: 4599  
Lexemes/CPU-Min: 12277  
Memory Used: 55 pages  
Compilation Complete

.

0137 AH-BT13A-SE  
VAX/VMS V4.0

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